

Max's Market Math: Subtraction Challenges

Learning objective: To subtract whole numbers with more than 4 digits, including using formal written methods (column subtraction).

Read each question carefully. Use column subtraction to find your answers. Remember to line up your digits by their place value (ten-thousands, thousands, hundreds, tens, and ones). If you need to exchange, show your working clearly.

Word bank: difference · exchange · column · place value · subtract · remainder

1. Max is helping a local farmer count apples. The farmer has 45,672 apples, and he sells 12,341 of them at the market. How many apples does the farmer have left? (2 marks)

2. Calculate the difference between 82,905 and 37,416. Show your column subtraction method. (2 marks)

3. Max has £50,000 in his savings account. He spends £14,850 on new equipment for his math club. How much money does Max have remaining in his account? (3 marks)

4. Find the missing number: $60,000 - ? = 24,732$. (2 marks)

5. A large library has 95,200 books. During the summer, 18,450 books were borrowed and not yet returned. How many books are currently on the library shelves? (2 marks)

Draw: Draw a picture of Max the monkey standing next to a large pile of wooden crates filled with apples, with a sign showing the total number of apples he started with.



Extension challenge: Max challenges you: If you start with the number 100,000 and subtract 1,234 five times, what is your final answer? Explain the method you used to reach your result.